Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended):   A method for a peripheral device to regulate its temperature by regulating its power consumption, comprising:

reducing offline diagnostic activities if the temperature of the peripheral device exceeds a first temperature;

reducing operational speed in which the peripheral device fulfills requests from a host device if the temperature of the peripheral device exceeds a second temperature; [[and]]

reducing power consumption of a physical layer interface that connects the peripheral device to the host device if the peripheral device exceeds a third temperature and if the peripheral device experienced a period of inactivity that exceeds a first time threshold; and

further reducing power consumption of the physical layer interface if the peripheral device exceeds a fourth temperature that is higher than the third temperature and if the peripheral device experienced a period of inactivity that exceeds a second time threshold.

Claim 2 (Original): The method of claim 1, wherein the first temperature is lower than the second temperature.

Claim 3 (Original): The method of claim 1, wherein the second temperature is lower than the third temperature.

Claim 4 (Cancelled).

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Claim 5 (Currently Amended):   The method of claim 1 [[4]], wherein the second time threshold is longer than the first time threshold.

Claim 6 (Cancelled).

Claim 7 (Currently Amended): ~~The method of claim 6, wherein the method further comprises:~~ A method for a hard drive to regulate its temperature by regulating its power consumption, comprising:

reducing offline diagnostic activities if the temperature of the hard drive exceeds a first temperature;

reducing operational speed in which the hard drive fulfills requests from a host device if the temperature of the peripheral device exceeds a second temperature;

reducing power consumption of a physical layer interface that connects the hard drive to the host device if the hard drive exceeds a third temperature and if the hard drive experienced a period of inactivity that exceeds a first time threshold; and

parking heads of the hard drive if the ~~peripheral device~~ hard drive exceeds a fourth temperature and if the ~~peripheral device~~ hard drive experienced a period of inactivity that exceeds a second time threshold.

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Claim 8 (Original):   The method of claim 7, wherein the second time threshold is longer than the first time threshold.

Claim 9 (Original):   The method of claim 8, wherein the fourth temperature is higher than the third temperature.

Claims 10-11 (Cancelled).

Claim 12 (Currently Amended):   ~~The method of claim 11,~~ A method for regulating temperature in a hard drive comprising:

          monitoring the temperature of the hard drive;

          reducing power consumption when the temperature exceeds a certain threshold;

          wherein the hard drive is capable of operating while the power consumption is reduced; and

          wherein the power consumption is reduced by suspending offline diagnostic activities ~~activitites.~~

Claim 13 (Currently Amended):   The method of claim 12 [[11]], wherein the power consumption is reduced by reducing seek speed of the hard drive.

Claim 14 (Currently Amended):   The method of claim 12 [[11]], wherein:

          the hard drive has a physical layer interface that connects the peripheral device to a host device,

          the physical layer interface has different power modes;

the power consumption is reduced by changing the power mode of the physical layer interface.

Claim 15 (Original): The method of claim 14, wherein the power mode is changed only if a period of inactivity where the host device has not used the hard drive has elapsed.

Claim 16 (Original): The method of claim 15, wherein the power mode reverts back to its original mode when the host attempts to use the hard drive.

Claim 17 (Original): The method of claim 14, wherein the power mode is changed from active to partial.

Claim 18 (Original): The method of claim 14, wherein the power mode is changed from partial to slumber.

Claim 19 (Currently Amended):   The method of claim 12 [[11]], wherein the hard drive can be placed into a standby state, and wherein power consumption is reduced by placing the hard drive into the standby state if a period of inactivity where the host device has not used the hard drive has elapsed.

Claim 20 (Cancelled).

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